

Attachment 1 – Current Beneficial Uses

Note: The definitions of the Beneficial Uses may vary from region to region. The example definitions provided are only specific to the region that is identified in the example.

Beneficial Uses	Examples from Basin Plan	R1	R2	R3	R4	R5	R6	R7	R8	R9
(AGR) Agricultural Supply	Example from Region 2 Basin Plan - Uses of water for farming, horticulture, or ranching, including, but not limited to, irrigation, stock watering, or support of vegetation for range grazing.	All regions have the AGR Beneficial Use in their Basin Plans.								
(AQUA) Aquaculture	Example from Region 3 Basin Plan -Uses of water for aquaculture or agriculture operations including, but not limited to, propagation, cultivation, maintenance, or harvesting of aquatic plants and animals for human consumption or bait purposes.	Yes	No	Yes						
(ASBS) Areas of Special Biological Significance	Example from Region 2 Basin Plan -Areas designated by the State Water Board These include marine life refuges, ecological reserves, and designated areas where the preservation and enhancement of natural resources requires special protection. In these areas, alteration of natural water quality is undesirable.	Yes	Yes	No						
(BIOL) Preservation of Biological Habitats of Special Significance	Example from Region 3 Basin Plan - Uses of water that support designated areas or habitats, such as established refuges, parks, sanctuaries, ecological reserves, or Areas of Special Biological Significance (ASBS), where the preservation or enhancement of natural resources requires special protection.	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes
(COLD) Cold Freshwater Habitat	Example from Region 2 Basin Plan - Uses of water that support cold water ecosystems, including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish, or wildlife, including invertebrates.	All regions have the COLD Beneficial Use in their Basin Plans.								
(COMM) Commercial and Sport Fishing	Example from Region 2 Basin Plan - Uses of water for commercial or recreational collection of fish, shellfish, or other organisms, including, but not limited to, uses involving organisms intended for human consumption or bait purposes.	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes

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(CUL) Native American Culture	Example from Region 1 Basin Plan -Uses of water that support the cultural and/or traditional rights of indigenous people such as subsistence fishing and shellfish gathering, basket weaving and jewelry material collection, navigation to traditional ceremonial locations, and ceremonial uses.	Yes	No							
(EST) Estuarine Habitat	Example from Region 2 Basin Plan - Uses of water that support estuarine ecosystems, including, but not limited to, preservation or enhancement of estuarine habitats, vegetation, fish, shellfish, or wildlife (e.g., estuarine mammals, waterfowl, shorebirds), and the propagation, sustenance, and migration of estuarine organisms.	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
(FLD) Flood Peak Attenuation /Flood Water Storage	Example from Region 6 Basin Plan -Beneficial uses of riparian wetlands in flood plain areas and other wetlands that receive natural surface drainage and buffer its passage to receiving waters.	Yes	No	No	No	No	Yes	No	No	No
(FISH) Subsistence Fishing	Example from Region 1 Basin Plan -Uses of water that support subsistence fishing.	Yes	No							
(FRSH)Freshwater Replenishment	Example from Region 2 Basin Plan - Uses of water for natural or artificial maintenance of surface water quantity or quality.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
(GWR) Ground Water Recharge	Example from Region 2 Basin Plan - Uses of water for natural or artificial recharge of groundwater for purposes of future extraction, maintenance of water quality, or halting saltwater intrusion into freshwater aquifers.	All regions have the GWR Beneficial Use in their Basin Plans.								

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Beneficial Uses	Examples from Basin Plan	R1	R2	R3	R4	R5	R6	R7	R8	R9
(IND) Industrial Service Supply	Example from Region 6 Basin Plan – Beneficial uses of water for industrial activities that do not depend primarily on water quality, including, but not limited to, mining, cooling water supply, geothermal energy production, hydraulic conveyance, gravel washing, fire protection, and oil well repressurization.	All regions have the IND Beneficial Use in their Basin Plans.								
(LREC-1) Limited Water Contact Recreation	Example from Region 4 Basin Plan -Uses of water for recreational activities involving body contact with water, full REC-1 use is limited by conditions such as very shallow water depth and restricted access and ingestion of water is infrequent.	No	No	No	Yes	No	No	No	No	No
(LWRM) Limited Warm Freshwater Habitat	Example from Region 8 Basin Plan -Waters support warm water ecosystems which are severely limited in diversity and abundance as the result of concrete-lined watercourses and low, shallow dry weather flows which result in extreme temperature, pH, and/or dissolved oxygen conditions. Naturally reproducing finfish populations are not expected to occur in LWRM waters.	No	No	No	No	No	No	No	Yes	No
(MAR) Marine Habitat	Example from Region 2 Basin Plan - support marine ecosystems, including, but not limited to, preservation or enhancement of marine habitats, vegetation such as kelp, fish, shellfish, or wildlife.	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
(MIGR) Migration of Aquatic Organisms	Example from Region 2 Basin Plan -Uses of water that support habitats necessary for migration, acclimatization between fresh water and salt water, and protection of aquatic organisms that are temporary inhabitants of waters within the region.	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
(MUN) Municipal and Domestic Supply	Example from Region 2 Basin Plan -Uses of water for community, military, or individual water supply systems, including, but not limited to, drinking water supply.	All regions have the IND Beneficial Use in their Basin Plans.								

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(NAV) Navigation	Example from Region 2 Basin Plan - Uses of water for shipping, travel, or other transportation by private, military, or commercial vessels.	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
(POW) Hydropower Generation	Example from Region 5 Basin Plan -Uses of water for hydropower generation.	Yes	No	Yes						
(PROC) Industrial Process Supply	Example from Region 3 Basin Plan -Uses of water for industrial activities that depend primarily on water quality (i.e., waters used for manufacturing, food processing, etc.).	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
(RARE) Preservation of Rare, Threatened or Endangered Species	Example from Region 2 Basin Plan - Uses of waters that support habitats necessary for the survival and successful maintenance of plant or animal species established under state and/or federal law as rare, threatened, or endangered.	All regions have the RARE Beneficial Use in their Basin Plans.								
(REC-1) Water Contact Recreation	Example from Region 1 Basin Plan -Uses of water for recreational activities involving body contact with water where ingestion of water is reasonably possible. These uses include, but are not limited to, swimming, wading, water-skiing, skin and scuba diving, surfing, whitewater activities, fishing, and uses of natural hot springs.	All regions have the REC-1 Beneficial Use in their Basin Plans.								
(REC-2) Non-Contact Water Recreation	Example from Region 2 Basin Plan - Uses of water for recreational activities involving proximity to water, but not normally involving contact with water where ingestion is reasonably possible. These uses include, but are not limited to, picnicking, hiking, beachcombing, camping, boating, hunting, sightseeing, or aesthetic enjoyment in conjunction with the above activities.	All regions have the REC-2 Beneficial Use in their Basin Plans.								
(SAL) Inland Saline Water Habitat	Example from Region 6 Basin Plan -Beneficial uses of waters that support inland saline water ecosystems including, but not limited to, preservation and enhancement of aquatic saline habitats, vegetation, fish, and wildlife, including invertebrates.	Yes	No	Yes	No	No	Yes	No	No	Yes

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(SHELL) Shellfish Harvesting	Example from Region 2 Basin Plan - Uses of water that support habitats suitable for the collection of crustaceans and filter-feeding shellfish for human consumption, commercial, or sport purposes.	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
(SPWN) Spawning, Reproduction and/or Early Development	Example from Region 2 Basin Plan - Uses of water that support high quality aquatic habitats suitable for reproduction and early development of fish.	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
(WARM) Warm Freshwater Habitat	Example from Region 2 Basin Plan -Uses of water that support ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish, or wildlife, including invertebrates.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
(WET) Wetland Habitat	Example from Region 1 Basin Plan - Uses of water that support natural and man-made wetland ecosystems, including, but not limited to, preservation or enhancement of unique wetland functions, vegetation, fish, shellfish, invertebrates, insects, and wildlife habitat.	Yes	No	No	Yes	No	No	No	No	No
(WILD) Wildlife Habitat	Example from Region 1 Basin Plan - Uses of water that support terrestrial ecosystems including, but not limited to, preservation and enhancement of terrestrial habitats, vegetation, wildlife (e.g., mammals, birds, reptiles, amphibians, invertebrates), or wildlife water and food sources.	All regions have the WILD Beneficial Use in their Basin Plans.								
(WQE) Water Quality Enhancement	Example from Region 6 Basin Plan - Beneficial uses of waters that support natural enhancement or improvement of water quality in or downstream of a water body including, but not limited to, erosion control, filtration and purification of naturally occurring water pollutants, streambank stabilization, maintenance of channel integrity, and siltation control.	Yes	No	No	No	No	Yes	No	No	No

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Regional Water Board Basin Plans

Region 1 – See Section 2 for Beneficial Uses

http://www.waterboards.ca.gov/northcoast/water_issues/programs/basin_plan/

Region 2 – See Chapter 2 for Beneficial Uses

http://www.waterboards.ca.gov/sanfranciscobay/basin_planning.shtml

Region 3 – See Chapter 2 for Beneficial Uses

http://www.waterboards.ca.gov/centralcoast/publications_forms/publications/basin_plan/index.shtml

Region 4 – See Chapter 2 for Beneficial Uses

http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/

Region 5 – See Chapter II for Beneficial Uses

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml

Region 6 – See Chapter 2 for Beneficial Uses

http://www.waterboards.ca.gov/lahontan/water_issues/programs/basin_plan/references.shtml

Region 7 – See Chapter 2 for Beneficial Uses

http://www.waterboards.ca.gov/coloradoriver/water_issues/programs/basin_planning/

Region 8 – See Chapter 3 for Beneficial Uses

http://www.waterboards.ca.gov/santaana/water_issues/programs/basin_plan/index.shtml

Region 9 – See Chapter 2 for Beneficial Uses

http://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/index.shtml